



**Product:** <u>9680</u> ☑

RS232/422 Low Cap, #24-3pr, PE, O/A Foil, PVC Jkt, CM, 100Ω

## **Product Description**

Computer EIA RS-232/422 Cable, 3 Pair, 24 AWG stranded (7x32) tinned copper conductors, polyethylene insulation, overall Beldfoil® shield (100% coverage), 24 AWG stranded tinned copper drain wire, PVC jacket.

## **Technical Specifications**

### **Product Overview**

Suitable Applications: RS-232 extende level audio; pan	ed distance applications; rs-423 applications; computer communications; low voltage analog signals (4-20ma, 0-10v,); low voltage digital control (24v,); line el wiring
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### **Construction Details**

#### Conductor

Element	Number of Element	AWG	Stranding	Material
Pair(s)	3	24	7x32	TC - Tinned Copper

#### Insulation

Element	Material	Thickness [in]	Color Code
Pair(s)	PE - Polyethylene	0.0155	White/Blue Stripe & Blue/White Stripe, White/Orange Stripe & Orange/White Stripe, White/Green Stripe & Green/White Stripe

#### **Outer Shield Material**

Type	Material	Coverage	Drainwire Type
Tape	Alum / Poly	100%	24 AWG (7x32) TC

# Outer Jacket Material

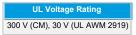
Material	Thickness	Diameter
PVC - Polyvinyl Chloride	0.035 in	0.282 in

# **Electrical Characteristics**

## Electricals

Element	Nom. Conductor DCR	Nom. Capacitance Cond-to-Cond	Nom. Capacitance Cond-to-Other (Conds + Shield)	Characteristic Impedence	Nom. Velocity of Prop.	Max. Current
Pair(s)	24 Ohm/1000ft	15.5 pF/ft	27.5 pF/ft	100 Ohm	66%	2.1 Amps per conductor at 25°C

### Voltage



# **Mechanical Characteristics**

# Temperature



#### Bend Radius

Stationary Min.

2	in
J	ш

Max. Pull Tension:	33 lbs
Bulk Cable Weight:	33 lbs/1000ft

#### **Standards and Compliance**

Flammability / Fire Resistance:	UL1685 UL Loading, IEC 60332-1-2
NEC / UL Compliance:	Article 800, CM
AWM Compliance:	2919
CEC / C(UL) Compliance:	CM
CPR Euroclass:	Eca
European Directive Compliance:	EU CE Mark, EU Directive 2011/65/EU (ROHS II), EU Directive 2012/19/EU (WEEE)
APAC Compliance:	China RoHS II (GB/T 26572-2011)

### **History**

Update and Revision:	Revision Number: 0.274 Revision Date: 06-05-2020

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